



PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicant:** SHOWA CORPORATION  
**Serial Number:** 10/636119  
**Filed:** 08/07/03  
**For:** BOTTOM VALVE APPARATUS OF HYDRAULIC SHOCK ABSORBER  
**Attorney Docket Number:** 13546

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop DD  
Hon. Commissioner of  
Patents and Trademarks  
P.O. Box 1450  
Alexandria, VA 22313-1450

March 3, 2004

Sir:

Applicant submits herewith information of which he is aware, and which he believes may be material to the patentability of any claim and in respect of which there may be a duty to disclose in accordance with 37 CFR 1.56.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists.

While this Information Disclosure Statement may be "material" pursuant to 37 CFR 1.56, it is not intended to be construed as an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 CFR 1.56(b).

The prior art references are set forth below and on the Form PTO-1449.

GB 2226620

EP 1148268

EP 1113186

US 4815576

The Applicant respectfully requests that the Examiner give full consideration to the information disclosed herein, make it of record in this Application, and complete and return the enclosed Form PTO-1449.

In compliance with 37 CFR § 1.97, this information is submitted before the mailing of the first Official Action. No fee is due.



## AUTHORIZATION TO CHARGE DEPOSIT ACCOUNT

Authorization is hereby given to charge any necessary fees in connection with this Information Disclosure Statement to Deposit Account No. 04-2219, referencing our Docket Number 13546.

Respectfully submitted,

Keith H. Orum  
Attorney for Applicant  
Attorney Registration Number 33985

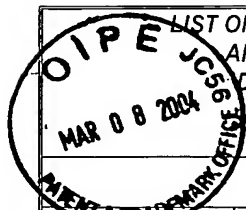
### ORUM & ROTH

53 WEST JACKSON BOULEVARD  
CHICAGO, ILLINOIS 60604-3606  
312.922.6262 PHONE  
312.922.7747 FAX

## 1<sup>ST</sup> CLASS CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Alexandria, VA 22313-1450, on March 5, 2004.

Dawn Nameth



LIST OF PATENTS AND PUBLICATIONS  
APPLICANT'S INFORMATION  
DISCLOSURE STATEMENT  
(Form PTO-1449 Modified)

Attorney Docket: 13546

Serial Number: 10/636119

Applicant: SHOWA CORPORATION

Filing Date: 08/07/03

Group:

US PATENT DOCUMENTS

Initial *	Document Number	Date day, month, yr.	Name	Class	Sub Class	Filing Date If Appropriate
	4 8 1 5 5 7 6	28 March 1989	TANAKA			
AA						
AB						
AC						
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						

FOREIGN PATENT DOCUMENTS

Document Number	Date day, month, yr.	Country	Class	Sub Class	Translation Yes No
AL 2 2 2 6 6 2 0	4 July 1990	GB			
AM 1 1 4 8 2 6 8	24 Oct. 2001	EPO			X
AN 1 1 1 3 1 8 6	4 July 2001	EPO			X
AO					
AP					

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AS		
AT		

EXAMINER:

DATE CONSIDERED:

\* EXAMINER: Initial if Reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.